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1 Spontaneous group management in mobile Ad Hoc networks

Laura Galluccio, Giacomo Morabito, Sergio Palazzo July Wireless Networks, Volume 10 Issue 4 2004

**Publisher:** Kluwer Academic Publishers

Full text available: pdf(448.23 KB)

Additional Information: full citation, abstract, references, index terms

This paper deals with the problem of Location Management in mobile ad hoc networks where users are organized in groups. In the following this type of systems are referred to as Mobile Ad hoc Networks for Group Operations (MANGO). This paper proposes ...

Keywords: ad hoc networks, group mobility, location updating, mobility management

## Distance, dependencies, and delay in a global collaboration



James D. Herbsleb, Audris Mockus, Thomas A. Finholt, Rebecca E. Grinter

December CSCW '00: Proceedings of the 2000 ACM conference on Computer

2000 supported cooperative work

Publisher: ACM

Additional Information: full citation, abstract, references, cited by, Full text available: pdf(149.61 KB) index terms

Collaborations over distance must contend with the loss of the rich, subtle interactions that co-located teams use to coordinate their work. Previous research has suggested that one consequence of this loss is that cross-site work will take longer than ...

Keywords: awareness, delay, global collaboration, informal communication, interdependence, software development, speed

## Cybercrime, identity theft, and fraud: practicing safe internet - network security



#### threats and vulnerabilities

Robert C. Newman

September InfoSecCD '06: Proceedings of the 3rd annual conference on

2006 Information security curriculum development

Publisher: ACM

Full text available: pdf(123.56

Additional Information: full citation, abstract, references, index terms

Computer networks and computer systems are experiencing attacks and threats from many areas. Threats are also extended to include the individual user's computer assets and resources. Information will be presented on the categories of security and privacy ...

Keywords: cybercrime, identity theft, internet fraud

# Analysis of bounded time warp and comparison with YAWNS



Phillip M. Dickens, David M. Nicol, Paul F. Reynolds, Jr., J. M. Duva

October ACM Transactions on Modeling and Computer Simulation (TOMACS),

1996 Volume 6 Issue 4

Publisher: ACM

Full text available: pdf(370.28

Additional Information: full citation, abstract, references, cited by,

index terms, review

This article studies an analytic model of parallel discrete-event simulation, comparing the YAWNS conservative synchronization protocol with Bounded Time Warp. The assumed simulation problem is a heavily loaded queuing network where the probability of ...

Keywords: parallel simulation, synchronization protocol

## 5 Synchronous broadcast messaging: the use of ICT

Justin D. Weisz, Thomas Erickson, Wendy A. Kellogg

April CHI '06: Proceedings of the SIGCHI conference on Human Factors in

2006 computing systems

Publisher: ACM

Full text available: pdf(942.23 Additional Information: full citation, abstract, references, cited by, index terms

IBM Community Tools (ICT) is a synchronous broadcast messaging system in use by a very large, globally distributed organization. ICT is interesting for a number of reasons, including its scale of use (thousands of users per day), its usage model of employing ...

Keywords: CMC, CSCW, IM, broadcast messaging, chat, instant messaging, social computing

#### 6 Mariposa: a wide-area distributed database system

Michael Stonebraker, Paul M. Aoki, Witold Litwin, Avi Pfeffer, Adam Sah, Jeff Sidell, Carl Staelin, Andrew Yu

January The VLDB Journal — The International Journal on Very Large Data

1996 Bases, Volume 5 Issue 1 **Publisher:** Springer-Verlag New York, Inc.

Full text available: Additional Information: full citation, abstract, references, cited by, KB)

Additional Information: full citation, abstract, references, cited by, index terms

The requirements of wide-area distributed database systems differ dramatically from those of local-area network systems. In a wide-area network (WAN) configuration, individual sites usually report to different system administrators, have different access ...

Keywords: Autonomy, Databases, Distributed systems, Economic site, Name service, Wide-area network

# 7 <u>Implementing declarative overlays</u>



Boon Thau Loo, Tyson Condie, Joseph M. Hellerstein, Petros Maniatis, Timothy Roscoe, Ion Stoica

October SOSP '05: Proceedings of the twentieth ACM symposium on Operating

2005 systems principles

Publisher: ACM

Full text available: pdf(370.85 Additional Information: full citation, abstract, references, cited by, index terms

Overlay networks are used today in a variety of distributed systems ranging from file-sharing and storage systems to communication infrastructures. However, designing, building and adapting these overlays to the intended application and the target environment ...

Keywords: dataflow engines, declarative overlays, executable pseudocode

8 Manageability, availability, and performance in porcupine: a highly scalable,



cluster-based mail service

Yasushi Saito, Brian N. Bershad, Henry M. Levy

August ACM Transactions on Computer Systems (TOCS), Volume 18 Issue 3 2000

Publisher: ACM

Full text available: pdf(2.52 Additional Information: full citation, abstract, references, cited by, index terms

This paper describes the motivation, design and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine ...

Keywords: cluster, distributed systems, email, group membership protocol, load balancing, replication

9 Detecting shared congestion of flows via end-to-end measurement

Dan Rubenstein, Jim Kurose, Don Towsley

June | IEEE/ ACM Transactions on Networking (TON), Volume 10 Issue 3 2002

Publisher: IEEE Press

Full text available: pdf(481.32 Additional Information: full citation, abstract, references, cited by, index terms

Current Internet congestion control protocols operate independently on a per-flow basis. Recent work has demonstrated that cooperative congestion control strategies between flows can improve performance for a variety of applications, ranging from aggregated ...

Keywords: hypothesis testing, inference, network congestion, queueing analysis

#### 10 Dynamic bandwidth management in single-hop ad hoc wireless networks

Samarth H. Shah, Kai Chen, Klara Nahrstedt

February Mobile Networks and Applications, Volume 10 Issue 1-2

2005

Publisher: Kluwer Academic Publishers

Full text available: pdf(726.19 Additional Information: full citation, abstract, references, cited by, index terms

Distributed weighted fair scheduling schemes for Quality of Service (QoS) support in wireless local area networks have not yet become standard. Therefore, we propose an Admission Control and Dynamic Bandwidth Management scheme that provides fairness ...

Keywords: bandwidth manager, distributed weighted fair scheduling, max-min fairness, wireless single-hop ad hoc network

#### 11 Implementing declarative overlays



Boon Thau Loo, Tyson Condie, Joseph M. Hellerstein, Petros Maniatis, Timothy Roscoe, Ion Stoica

October ACM SIGOPS Operating Systems Review, Volume 39 Issue 5 2005

Publisher: ACM

Full text available: pdf(370.85 Additional Information: full citation, abstract, references, cited by, index terms

Overlay networks are used today in a variety of distributed systems ranging from file-sharing and storage systems to communication infrastructures. However, designing, building and adapting these overlays to the intended application and the target environment ...

Keywords: dataflow engines, declarative overlays, executable pseudocode

# 12 Specification-based anomaly detection: a new approach for detecting network



#### <u>intrusions</u>

R. Sekar, A. Gupta, J. Frullo, T. Shanbhag, A. Tiwari, H. Yang, S. Zhou

November CCS '02: Proceedings of the 9th ACM conference on Computer and

2002 communications security

KB)

Publisher: ACM

Full text available: pdf(127.45 Additional Information: full citation, abstract, references, cited by,

index terms

Unlike signature or misuse based intrusion detection techniques, anomaly detection is capable of detecting novel attacks. However, the use of anomaly detection in practice is hampered by a high rate of false alarms. Specification-based techniques have ...

Keywords: anomaly detection, intrusion detection, network monitoring

#### 13 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

MB)

November CASCON '97: Proceedings of the 1997 conference of the Centre for

1997 Advanced Studies on Collaborative research

Publisher: IBM Press

Full text available: pdf(4.21

Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event ...

# 14 User interfaces for privacy agents



Lorrie Faith Cranor, Praveen Guduru, Manjula Arjula

ACM Transactions on Computer-Human Interaction (TOCHI), Volume June

2006 13 Issue 2

Publisher: ACM

Full text available: pdf(1.82 MB)

Additional Information: full citation, abstract, references, index terms

Most people do not often read privacy policies because they tend to be long and difficult to understand. The Platform for Privacy Preferences (P3P) addresses this problem by providing a standard machine-readable format for website privacy policies. P3P ...

Keywords: P3P, preferences, privacy, privacy enhancing technology, privacy policy, user agent

#### 15 The basics of e-learning; an excerpt from handbook of human factors in web



<u>design</u>

Lisa Neal, Diane Miller

August eLearn, Volume 2005 Issue 8

2005

Publisher: ACM

Full text available: html(121.89 KB) Publisher

Additional Information: full citation, index terms

<u>Site</u>

## 16 Rate adaptive multimedia streams: optimization and admission control

Steven Weber, Gustavo de Veciana

December IEEE/ ACM Transactions on Networking (TON), Volume 13 Issue 6

2005

Publisher: IEEE Press

Full text available: pdf(545.75 Additional Information: full citation, abstract, references, cited by, KB) index terms

This work investigates support of rate adaptive multi-media streams on communication networks. Optimal and practical mechanisms to maximize the customer average quality of service (QoS), defined in terms of a normalized time average received rate, are ...

Keywords: admission control, rate adaptation, resource allocation, streaming media

## 17 A taxonomy of DDoS attack and DDoS defense mechanisms



Jelena Mirkovic, Peter Reiher

April ACM SIGCOMM Computer Communication Review, Volume 34 Issue 2

2004

Publisher: ACM

Full text available: pdf(209.38

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>cited by</u>

Distributed denial-of-service (DDoS) is a rapidly growing problem. The multitude and variety of both the attacks and the defense approaches is overwhelming. This paper presents two taxonomies for classifying attacks and defenses, and thus provides researchers ...

Results 1 - 17 of 17

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